



# Lego Solar Panel Generator

Can a Lego solar panel be used outside?

This Lego solar panel works best with outside sun light. Rechargeable NiMH battery won't hold much of a charge. Kit contains most energy efficient motor LEGO has ever made. This set is one of the few ways to get the Power Function oriented Solar Panel. Windmill blades can double as efficient water wheel blades too.

What is the LEGO Renewable Energy Add-On Set?

The LEGO Renewable Energy Add-On Set is an educational tool that allows students to learn about and understand renewable energy sources, including solar energy, wind energy, and hydro energy. It also teaches the functionality and capability of solar cells, wind turbines, and hydro-electric power plants. The lesson plans for this set can be found [here](#).

Does Lego solar panel work with UV light?

The solar panel is amorphous and sensitive / works with UV lights. UV filtered light or non UV light won't generate much of a current on solar panel ... This Lego solar panel works best with outside sun light. Rechargeable NiMH battery won't hold much of a charge. Kit contains most energy efficient motor LEGO has ever made.

Does a solar panel work with a Lego 4th & 6th grade curriculum?

This is an educational student kit that works with a Lego 4th to 6th grade engineering curriculum that have a student workbook and teacher's guide that is sold separately. The solar panel is amorphous and sensitive / works with UV lights.

What is the most energy efficient motor Lego has ever made?

Kit contains most energy efficient motor LEGO has ever made. This set is one of the few ways to get the Power Function oriented Solar Panel. Windmill blades can double as efficient water wheel blades too. Set has been discontinued so finding a NIB version now is very rare

How do you measure a light bulb on a Lego solar panel?

Place the Solar Panel under the center of the light source. Optimally the lamps diameter should cover the LEGO Solar Panel and have a parabolic reflector. To help students measure the distance of the bulb in the lamp to the Solar Panel, it is helpful to make a mark on the lamp casing, level with the center of the light bulb. Warning!

The set features a solar panel, turbine blades, a motor/generator, LED lights, an extension wire and the unique LEGO Energy Meter. The set includes full-colour building instructions for six real-life LEGO models - designed for use with 9686 ...

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